



1999 South Dakota WHEAT VARIETIES



July 28, 1999

INTRODUCTION

This report summarizes the results of a June 1999 survey of over 2,200 South Dakota wheat producers. Approximately 800 reported winter wheat and 1,400 reported spring wheat. Percents and acreage data are included at both the state and agricultural district levels for winter and spring wheat.

This survey is conducted on an intermittent basis. Comparable surveys were last completed in 1991 and 1996. Extra copies are available upon request. Thanks to all the producers who supplied data making this report possible.

HIGHLIGHTS

The most popular wheat variety in South Dakota in 1999 was Arapahoe, a winter wheat variety; while the most planted spring variety was Oxen. These two varieties accounted for 32 percent of the state's 3.04 million wheat acres.

Supporting funds for the Wheat Variety Survey
were provided by
The Agricultural Experiment Station,
South Dakota State University, Brookings, SD

WINTER WHEAT

The most popular winter wheat variety in 1999 was Arapahoe. It was planted on 501,200 acres, or 38.0 percent of the state's total winter wheat acres. Only minimally planted a few years ago, Nekota leaped to second place being planted on 317,800 acres, or 25.0

percent of the acres. Alliance ranked third with 6.3 percent, followed by Siouxland and Rose with 4.0 percent and 3.8 percent, respectively. These five varieties accounted for over 77 percent of the state's winter wheat acres.

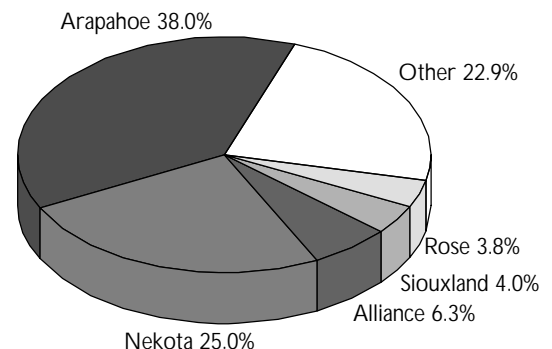
**WINTER WHEAT VARIETIES SEEDED,
SOUTH DAKOTA, 1991, 1996 & 1999**

Variety	1991	1996	1999	
	Percent	Percent	Percent	Acres Seeded (000)
Arapahoe	6.8	46.7	38.0	501.2
Nekota	---	0.4	25.0	317.8
Alliance	0.0	3.3	6.3	82.1
Siouxland	23.9	8.8	4.0	52.5
Rose	7.3	8.6	3.8	49.9
Scout	9.3	3.0	2.6	33.9
Roughrider	6.5	1.8	2.0	25.9
Quantum	---	0.3	1.9	25.3
Seward	3.2	7.2	1.7	21.5
Crimson	---	---	1.5	20.0
Centura	2/	0.4	1.0	12.7
2137	---	0.1	0.9	12.1
Tandem	---	---	0.9	11.2
Dawn	3.0	1.7	0.8	10.2
Agripro	0.0	2.7	0.8	10.0
Jagger	---	0.0	0.7	9.1
Lancer	2/	0.7	0.7	8.6
Other Varieties 1/	40.0	14.3	7.4	96.0
State	100.0	100.0	100.0	1,300.0

1/ Varieties with less than .6 percent of the acreage in 1999.

2/ Less than 2 percent, included in "Other Varieties".

**WINTER WHEAT
LEADING VARIETIES SEEDED,
SOUTH DAKOTA, 1999**



WINTER WHEAT (Continued)

PERCENT AND ACREAGE SEEDING BY AGRICULTURAL STATISTICS DISTRICT, SOUTH DAKOTA, 1999

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
----- Percent -----										
Arapahoe	13.4	22.5	50.4	48.1	30.2	47.1	57.7	33.3	69.7	38.0
Nekota	3.1	49.9	14.0	24.9	31.9	34.6	4.6	15.6	15.8	25.0
Alliance	36.8	---	---	2.9	2.2	9.2	7.5	10.4	0.3	6.3
Siouxland	1.1	3.6	---	2.3	11.1	1.7	---	2.8	1.7	4.0
Rose	17.9	1.0	2.0	3.3	7.0	2.6	---	0.2	1.8	3.8
Scout	---	---	---	4.9	---	---	---	7.5	---	2.6
Roughrider	4.5	6.8	---	---	2.7	---	---	2.4	---	2.0
Quantum	0.0	---	---	2.7	---	---	---	6.9	---	1.9
Seward	8.1	6.2	8.4	---	1.4	0.9	---	---	---	1.7
Crimson	3.6	0.7	12.4	0.5	4.0	0.2	0.1	---	0.2	1.5
Centura	---	---	---	3.4	---	---	1.4	---	---	1.0
2137	---	0.3	2.8	0.4	2.4	---	1.5	0.8	---	0.9
Tandem	---	0.1	---	1.9	0.3	0.8	---	1.4	---	0.9
Dawn	---	---	---	---	0.4	0.5	---	3.7	0.2	0.8
Agripro	---	0.2	0.8	0.4	0.3	1.5	---	0.3	8.3	0.8
Jagger	---	---	---	0.4	1.1	---	---	2.0	---	0.7
Lancer	---	---	---	1.6	---	---	4.0	---	---	0.7
Other Varieties 1/	11.5	8.7	9.2	2.3	5.0	0.9	23.2	12.7	2.0	7.4
----- Acres -----										
Arapahoe	10,700	30,400	12,600	161,300	83,000	30,600	49,000	78,300	45,300	501,200
Nekota	2,500	67,200	3,500	83,500	87,800	22,500	3,900	36,600	10,300	317,800
Alliance	29,400	---	---	9,700	6,000	6,000	6,400	24,400	200	82,100
Siouxland	900	4,900	---	7,600	30,400	1,100	---	6,500	1,100	52,500
Rose	14,300	1,300	500	11,100	19,300	1,700	---	500	1,200	49,900
Scout	---	---	---	16,300	---	---	---	17,600	---	33,900
Roughrider	3,600	9,200	---	---	7,400	---	---	5,700	---	25,900
Quantum	---	---	---	9,000	---	---	---	16,300	---	25,300
Seward	6,500	8,400	2,100	---	3,900	600	---	---	---	21,500
Crimson	2,900	1,000	3,100	1,700	11,000	100	100	---	100	20,000
Centura	---	---	---	11,500	---	---	1,200	---	---	12,700
2137	---	400	700	1,400	6,500	---	1,300	1,800	---	12,100
Tandem	---	100	---	6,300	900	500	---	3,400	---	11,200
Dawn	---	---	---	---	1,200	300	---	8,600	100	10,200
Agripro	---	300	200	1,400	900	1,000	---	800	5,400	10,000
Jagger	---	---	---	1,400	3,000	---	---	4,700	---	9,100
Lancer	---	---	---	5,200	---	---	3,400	---	---	8,600
Other Varieties 1/	9,200	11,800	2,300	7,600	13,700	600	19,700	29,800	1,300	96,000
Total	80,000	135,000	25,000	335,000	275,000	65,000	85,000	235,000	65,000	1,300,000

1/ District estimates were not made for varieties with less than .6 percent of the state's winter wheat acreage in 1999.

SPRING WHEAT

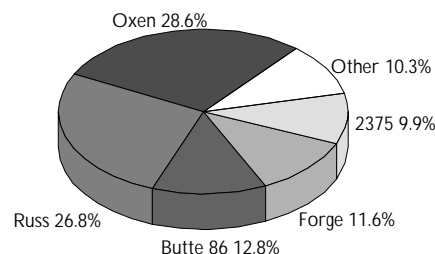
The most popular spring wheat variety in 1999 was Oxen which was new a few years ago. It was planted on 488,600 acres, or 28.6 percent of the state's total spring wheat acres. Following closely was Russ which also increased dramatically from 1996. It was planted on

454,900 acres, or 26.8 percent of the acres. Ranking third was Butte 86 with 12.8 percent. Forge came in fourth with 11.6 percent followed by 2375 with 9.9 percent. These five accounted for nearly 90 percent of the state's spring wheat acres.

SPRING WHEAT VARIETIES SEEDING, SOUTH DAKOTA, 1991, 1996 & 1999

Variety	1991	1996	1999	
	Percent	Percent	Percent	Acres Seeded (000)
Oxen	---	0.1	28.6	488.6
Russ	---	1.5	26.8	454.9
Butte 86/Butte	49.9	35.5	12.8	217.4
Forge	---	---	11.6	197.4
2375	6.3	18.2	9.9	167.7
Sharp	2/	12.7	4.7	80.1
Amidon	2/	1.2	1.4	23.6
Ingot	---	---	0.8	13.1
2398	---	0.4	0.7	11.4
Other 1/	43.8	30.4	2.7	45.8
Total	100.0	100.0	100.0	1,700.0

SPRING WHEAT LEADING VARIETIES SEEDING, SOUTH DAKOTA, 1999



SPRING WHEAT (Continued)

PERCENT AND ACREAGE SEEDED BY AGRICULTURAL STATISTICS DISTRICT, SOUTH DAKOTA, 1999

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
----- Percent -----										
Oxen	12.9	35.4	41.8	1.4	20.5	38.4	7.6	16.8	20.0	28.6
Russ	15.5	31.2	27.4	---	41.2	11.3	0.8	14.5	46.4	26.8
Butte 86	26.1	5.7	6.0	58.7	13.8	8.9	16.0	21.5	11.6	12.8
Forge	1.2	14.0	10.0	30.6	12.0	24.0	1.0	1.5	2.0	11.6
2375	12.3	7.3	7.1	2.4	6.2	8.0	74.6	20.3	4.8	9.9
Sharp	7.5	3.7	3.5	5.5	4.6	6.5	---	14.8	4.8	4.7
Amidon	10.4	0.5	---	1.4	---	---	---	---	---	1.4
Ingot	0.4	0.4	2.3	---	---	---	---	2.6	---	0.8
2398	5.4	---	0.1	---	---	---	---	---	4.4	0.7
Other Varieties1/	8.3	1.8	1.8	---	1.7	2.9	---	8.0	6.0	2.7
----- Acres -----										
Oxen	23,800	229,400	142,200	1,100	51,300	21,100	3,800	10,900	5,000	488,600
Russ	28,600	202,700	93,000	---	103,000	6,200	400	9,400	11,600	454,900
Butte 86	48,400	37,300	20,500	47,000	34,400	4,900	8,000	14,000	2,900	217,400
Forge	2,300	91,300	34,100	24,500	30,000	13,200	500	1,000	500	197,400
2375	22,800	47,300	24,100	1,900	15,500	4,400	37,300	13,200	1,200	167,700
Sharp	13,900	24,000	11,800	4,400	11,600	3,600	---	9,600	1,200	80,100
Amidon	19,200	3,300	---	1,100	---	---	---	---	---	23,600
Ingot	800	2,700	7,900	---	---	---	---	1,700	---	13,100
2398	9,900	---	400	---	---	---	---	---	1,100	11,400
Other Varieties1/	15,300	12,000	6,000	---	4,200	1,600	---	5,200	1,500	45,800
Total Acres	185,000	650,000	340,000	80,000	250,000	55,000	50,000	65,000	25,000	1,700,000

1/ District estimates were not made for varieties with less than .6 percent of the state's spring wheat acreage.

DURUM WHEAT

Monroe remained the leading durum wheat variety in 1999 with 40.1 percent of the state's 40,000 acres. Renville maintained second place with 24.5 percent followed closely by Rugby at 20.3 percent, which did not

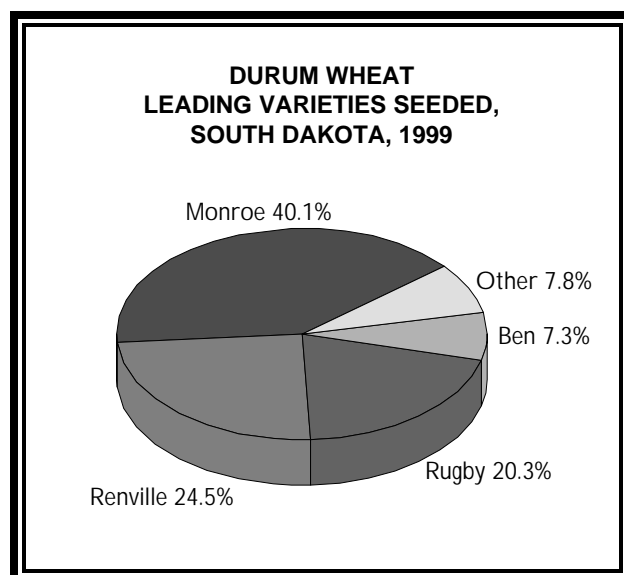
show any use in 1996. Ben and Munich were the next leading varieties with 7.3 percent and 4.0 percent, respectively. These five varieties accounted for over 96 percent of the state's durum wheat acres.

DURUM WHEAT VARIETIES SEEDDED, SOUTH DAKOTA, 1991, 1996 & 1999

Variety	1991	1996	1999	
	Percent	Percent	Percent	Acres Seeded (000)
Monroe	34.3	51.6	40.1	16.1
Renville	2.0	23.6	24.5	9.8
Rugby	2/	0.0	20.3	8.1
Ben	---	0.0	7.3	2.9
Munich	---	0.0	4.0	1.6
Ward	2/	4.4	1.5	0.6
Rollette	3.4	0.4	1.3	0.5
Vic	43.3	20.0	1.0	0.4
Other Varieties1/	17.0	0.0	0.0	0.0
State	100.0	100.0	100.0	40.0

1/ Varieties with less than .6 percent of the acreage in 1999.

2/ Less than 2 percent, included in "Other Varieties".



**FIVE-YEAR AVERAGE,
HARVESTED ACREAGE, YIELD AND PRODUCTION, SOUTH DAKOTA, 1994-1998**

County and District	Winter Wheat			Other Spring Wheat		
	Harvested	Yield per acre	Production	Harvested	Yield per acre	Production
	Acres	----- Bushels -----		Acres	----- Bushels -----	
Butte	9,025	33.2	299,875	7,800	24.9	193,940
Corson	10,550	28.0	295,200	87,640	22.8	1,996,540
Dewey	16,960	32.6	552,440	28,360	22.8	645,960
Harding	1,767	27.5	48,600	26,740	23.3	623,480
Perkins	12,400	30.6	379,060	79,700	25.2	2,010,820
Ziebach	31,020	30.7	953,780	20,460	22.9	468,600
Northwest	79,960	30.9	2,470,980	250,700	23.7	5,939,340
Brown	8,080	42.6	343,860	178,180	37.1	6,608,340
Campbell	8,220	31.6	259,380	72,320	26.9	1,943,600
Edmunds	13,000	33.8	439,900	107,340	31.1	3,341,240
Faulk	18,920	35.6	672,680	67,080	31.2	2,091,380
Mcpherson	3,400	29.4	100,000	61,400	24.1	1,479,380
Potter	65,600	38.9	2,554,940	71,980	30.6	2,205,020
Spink	24,020	38.3	919,400	126,440	33.7	4,265,620
Walworth	9,300	37.7	350,400	72,800	30.1	2,190,080
North Central	150,540	37.5	5,640,560	757,540	31.8	24,124,660
Clark	10,280	33.5	344,820	49,660	31.1	1,545,440
Codington	2,300	36.9	84,840	42,860	33.7	1,444,160
Day	4,880	35.4	172,860	85,440	33.5	2,858,440
Deuel	1,425	30.7	43,775	15,600	35.3	550,780
Grant	1,067	28.0	29,867	33,680	33.8	1,137,280
Hamlin	2,700	37.8	102,050	17,380	36.5	635,200
Marshall	1,960	34.4	67,500	53,800	35.8	1,925,020
Roberts	967	35.3	34,100	87,220	37.6	3,277,420
Northeast	25,240	34.4	869,280	385,640	34.7	13,373,740
Haakon	101,780	33.7	3,430,980	20,680	30.5	630,120
Jackson	38,075	32.7	1,243,475	14,575	27.4	399,975
Lawrence	533	40.2	21,400	1,080	29.3	31,600
Meade	47,240	31.4	1,484,000	23,780	24.4	579,800
Pennington	52,380	35.0	1,833,860	15,720	26.8	420,880
Stanley	74,280	32.5	2,411,440	29,000	21.8	632,875
West Central	315,680	33.2	10,472,040	97,420	25.9	2,525,720
Aurora	17,740	38.2	676,820	5,150	24.9	128,250
Beadle	29,780	36.6	1,090,780	45,260	32.1	1,454,980
Brule	35,740	39.8	1,423,820	10,120	30.0	304,080
Buffalo	5,640	38.2	215,560	3,760	32.6	122,580
Hand	55,440	35.6	1,973,280	59,420	30.0	1,781,540
Hughes	55,220	37.1	2,047,540	30,400	26.5	805,600
Hyde	31,160	34.6	1,078,460	22,440	28.5	640,520
Jerauld	13,000	38.8	505,020	11,225	30.0	337,150
Sully	121,160	38.5	4,661,280	81,600	26.3	2,143,380
Central	364,880	37.5	13,672,560	266,540	28.6	7,633,960
Brookings	3,360	34.5	116,080	11,020	35.1	386,440
Davison	18,160	37.7	683,760	2,400	29.3	70,275
Hanson	12,060	39.7	478,460	2,425	31.8	77,125
Kingsbury	18,500	36.5	674,460	22,000	33.2	730,960
Lake	2,267	26.7	60,600	2,900	31.0	89,800
McCook	2,300	33.2	76,325	1,700	35.4	60,225
Miner	5,800	33.8	195,880	5,675	32.8	185,875
Minnehaha	2,100	36.0	75,600	1,520	35.1	53,420
Moody	900	53.0	47,700	2,220	34.1	75,640
Sanborn	7,360	32.0	235,260	4,100	28.0	114,967
East Central	70,400	36.3	2,557,980	54,080	33.0	1,784,360
Bennett	35,380	33.5	1,185,600	22,080	28.0	618,200
Custer	2,900	31.0	90,020	1,450	22.4	32,550
Fall River	12,680	34.0	431,060	1,200	22.5	27,000
Shannon	18,440	34.4	634,920	11,200	25.3	283,100
Southwest	69,400	33.7	2,341,600	32,100	27.0	867,400
Gregory	14,780	37.8	558,120	5,460	32.8	179,160
Jones	49,680	32.5	1,612,820	12,033	22.5	271,100
Lyman	97,520	37.8	3,684,120	7,980	31.4	250,200
Mellette	26,080	35.5	925,540	5,300	28.1	148,667
Todd	6,740	35.8	241,000	2,433	30.6	74,333
Tripp	59,060	34.2	2,021,560	10,880	27.5	299,000
South Central	253,860	35.6	9,043,160	38,500	28.3	1,089,520
Bon Homme	4,720	39.0	183,900	1,740	31.9	55,460
Charles Mix	35,120	40.5	1,421,040	13,720	32.9	451,700
Clay	800	33.8	27,000	1,000	38.0	38,000
Douglas	17,340	40.6	704,160	3,240	30.0	97,200
Hutchinson	14,760	41.0	604,600	2,440	33.8	82,400
Lincoln	1,000	45.0	45,000	1/		
Turner	500	33.4	16,700	800	34.1	27,250
Union	500	33.0	16,500	750	32.7	24,500
Yankton	767	37.3	28,600	750	34.3	25,750
Southeast	74,040	40.4	2,991,840	23,480	32.7	767,300
State	1,404,000	35.7	50,060,000	1,906,000	30.5	58,106,000

1/ Less than 300 acres harvested, included in the district and state totals. All averages are derived from published data. District totals are calculated and are not equal to the sum of county averages.